



UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: RODRIGUEZ ET AL. GRP. ART UNIT: 2711
APPL. NO.: 09/590,521 EXAMINER: NOT ASSIGNED
FILED: JUNE 9, 2000 DOCKET NO.: A-5704
TITLE: SYSTEMS AND METHODS FOR ADAPTIVE SCHEDULING AND DYNAMIC
BANDWIDTH RESOURCE ALLOCATION MANAGEMENT IN A DIGITAL
BROADBAND DELIVERY SYSTEM

SEPTEMBER 18, 2000

TRANSMITTAL OF RESPONSE TO NOTICE TO FILE MISSING PARTS

Box MISSING PARTS
Commissioner for Patents
Washington, DC 20231

Dear Sir:

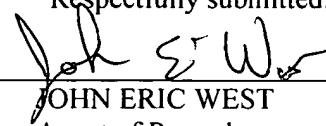
Transmitted herewith for filing in the above-identified patent application, please find:

1.	<u>X</u>	Response to Notice of Missing Parts with Transmittal in duplicate
2.	<u>X</u>	Copy of Notice to File Missing Parts
3.	<u>X</u>	3 Page Declaration and Power of Attorney
4.	<u>X</u>	2 Page Assignment with Recordation Form Cover Sheet
5.	<u>X</u>	Request for Correction of Filing Receipt with Transmittal in duplicate
6.	<u>X</u>	Copy of Filing Receipt with errors marked in red
7.	<u>X</u>	Return Postcard

Please charge the late filing fee of \$130.00 due to Deposit Account No. 19-0761. A duplicate original of this sheet is enclosed.

SEND CORRESPONDENCE TO:

Scientific-Atlanta, Inc.
Intellectual Property Department
One Technology Parkway, South
Norcross, GA 30092-2967

Respectfully submitted:
By: 
JOHN ERIC WEST
Agent of Record
Reg. No.: 46,279
Phone: (770) 236-4872
Fax No.: (770) 903-4806

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the:

Box MISSING PARTS
Commissioner for Patents
Washington, DC 20231

on SEPTEMBER 18, 2000.


Marcia Burdick



UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: RODRIGUEZ ET AL. GRP. ART UNIT: 2711
APPL. NO.: 09/590,521 EXAMINER: NOT ASSIGNED
FILING DATE: JUNE 9, 2000 DOCKET NO.: A-5704
TITLE: SYSTEMS AND METHODS FOR ADAPTIVE SCHEDULING AND
DYNAMIC BANDWIDTH RESOURCE ALLOCATION
MANAGEMENT IN A DIGITAL BROADBAND DELIVERY SYSTEM

SEPTEMBER 18, 2000

**TRANSMITTAL OF REQUEST FOR
CORRECTION OF FILING RECEIPT**

Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing in the above-identified patent application, please find:

1. X Request for Correction of Filing Receipt with Transmittal in duplicate
2. X Copy of Filing Receipt with errors marked in red

Please charge any fees due to Deposit Account No. 19-0761. A duplicate original of this sheet is enclosed.

Respectfully submitted:

By:


JOHN ERIC WEST
Agent of Record
Reg. No.: 46,279
Phone: (770) 236-4872
Fax No.: (770) 903-4806

SEND CORRESPONDENCE TO:

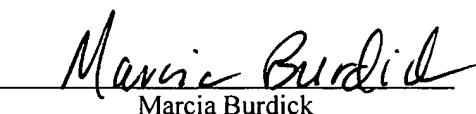
Scientific-Atlanta, Inc.
Intellectual Property Department
One Technology Parkway, South
Norcross, GA 30092-2967

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
Washington, DC 20231

on SEPTEMBER 18, 2000


Marcia Burdick



UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: RODRIGUEZ ET AL. GRP. ART UNIT: 2711
APPL. NO.: 09/590,521 EXAMINER: NOT ASSIGNED
FILED: JUNE 9, 2000 DOCKET NO.: A-5704
TITLE: SYSTEMS AND METHODS FOR ADAPTIVE SCHEDULING AND
DYNAMIC BANDWIDTH RESOURCE ALLOCATION MANAGEMENT
IN A DIGITAL BROADBAND DELIVERY SYSTEM

SEPTEMBER 18, 2000

RESPONSE TO NOTICE TO FILE MISSING PARTS

Box MISSING PARTS
Commissioner for Patents
Washington DC 20231

Dear Sir:

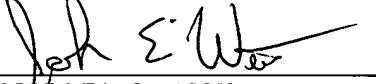
The Notice to File Missing Parts mailed on September 1, 2000, indicates that a properly signed oath of declaration is missing from the present application. A properly signed Patent Application Declaration Combined With Power Of Attorney is included with this response. Applicants respectfully submit that the enclosed document satisfies the requirements of 37 CFR 1.63.

Respectfully submitted:

SEND CORRESPONDENCE TO:

Scientific-Atlanta, Inc.
Intellectual Property Department
One Technology Parkway, South
Norcross, GA 30092-2967

By:

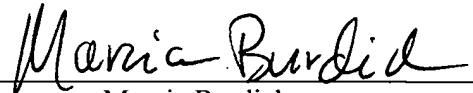

JOHN ERIC WEST
Agent of Record
Reg. No.: 46,279
Phone: (770) 236-4872
Fax No.: (770) 903-4806

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the:

Box MISSING PARTS
Commissioner for Patents
Washington, DC 20231

on SEPTEMBER 18, 2000.


Marcia Burdick



UNITED STATES PATENT AND TRADEMARK OFFICE

#24
W. Lerner
8/26/04

APPLICANTS: RODRIGUEZ ET AL. GRP. ART UNIT: 2711
APPL. NO.: 09/590,521 EXAMINER: NOT ASSIGNED
FILING DATE: JUNE 9, 2000 DOCKET NO.: A-5704
TITLE: SYSTEMS AND METHODS FOR ADAPTIVE SCHEDULING AND
DYNAMIC BANDWIDTH RESOURCE ALLOCATION
MANAGEMENT IN A DIGITAL BROADBAND DELIVERY SYSTEM

SEPTEMBER 18, 2000

REQUEST FOR CORRECTION OF FILING RECEIPT

Commissioner for Patents
Washington, DC 20231

Sir:

Request is hereby made for correction of the Official Filing Receipt in the subject application in that the Official Filing Receipt has printed incorrect information. A copy of the filing receipt with the error corrected in red has been attached for your convenience. Accordingly, please issue a corrected filing receipt as follows:

For Continuing Data as Claimed by Applicant, delete "which" and insert therefor -- AND --.

Respectfully submitted:

SEND CORRESPONDENCE TO:

By:

Scientific-Atlanta, Inc.
Intellectual Property Department
One Technology Parkway, South
Norcross, GA 30092-2967


JOHN ERIC WEST
Agent of Record
Reg. No.: 46,279
Phone: (770) 236-4872
Fax No.: (770) 903-4806

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
Washington, DC 20231

on SEPTEMBER 18, 2000.


Marcia Burdick



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/590,521	06/09/2000	2711	876	A-5704	4	26	4

5642
 SCIENTIFIC-ATLANTA, INC.
 DEPUTY GENERAL COUNSEL
 FOR INTELLECTUAL PROPERTY
 ONE TECHNOLOGY PARKWAY SOUTH
 NORCROSS, GA 300922967

FILING RECEIPT



OC000000005371862

Date Mailed: 09/01/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

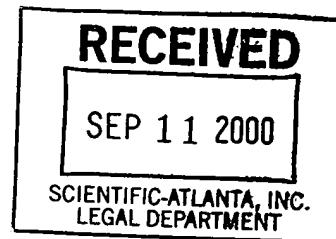
Arturo A. Rodriguez, Norcross, GA ;
 Dean F. Jerding, Roswell, GA ;

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/138,756 06/11/1999
 WHICH CLAIMS BENEFIT OF 60/170,302 12/13/1999

AND

Foreign Applications



If Required, Foreign Filing License Granted 08/03/2000

Title

Systems and methods for adaptive scheduling and dynamic bandwidth resource allocation management in a digital broadband delivery system

Preliminary Class

348



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

Sector ✓
#3

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/590,521	06/09/2000	Arturo A. Rodriguez	A-5704

5642
SCIENTIFIC-ATLANTA, INC.
DEPUTY GENERAL COUNSEL
FOR INTELLECTUAL PROPERTY
ONE TECHNOLOGY PARKWAY SOUTH
NORCROSS, GA 300922967

FORMALITIES LETTER



OC000000005371863

Date Mailed: 09/01/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/22/2000 HUUONG1 00000015 190761 09590521

01 FC:105 130.00 CH